MATHEMATICS FOR CLASS VI

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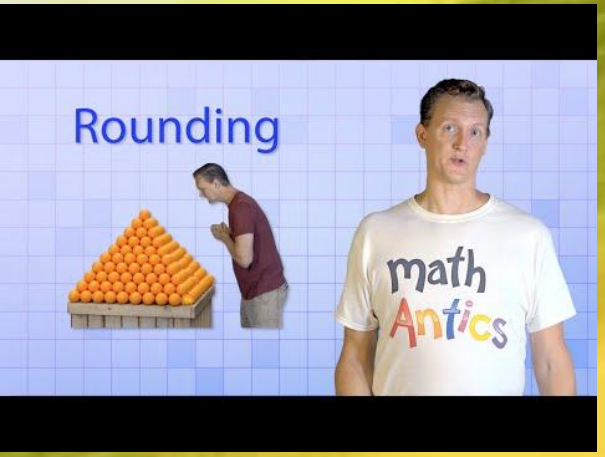
Introduction

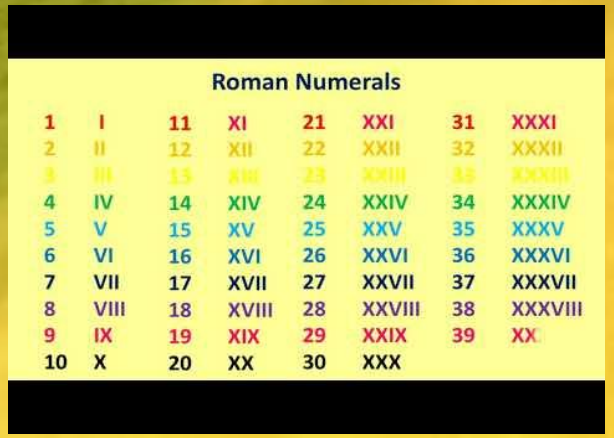
These slides suggest some videos and apps that may be used for teaching Mathematics to class 6 to supplement the NCERT textbook and links to a question bank on the topic that may supplement the exercises and activities in the book.

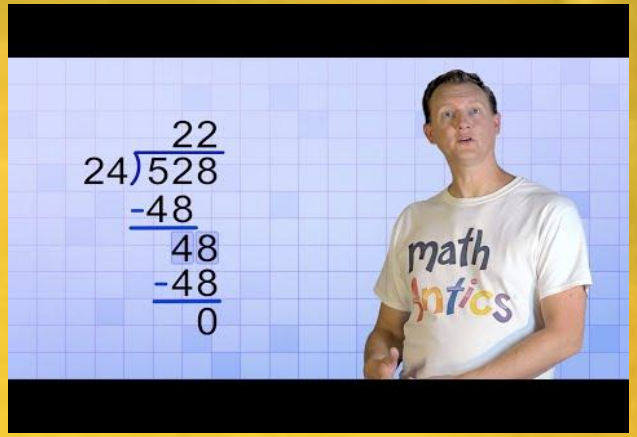
These provide a quick review for annual examination.

These will also be useful for parents and volunteers teaching online

Whole Numbers



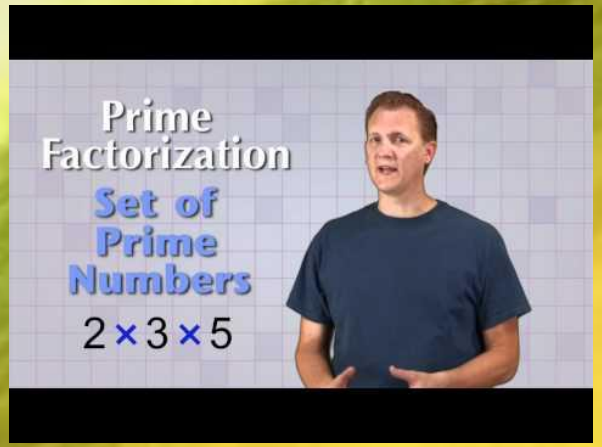

Roman Numerals
1 I 11 XI 21 XXI 31 XXXI
2 II 12 XII 22 XXII 32 XXXII
4 IV 14 XIV 24 XXIV 34 XXXIV
5 V 15 XV 25 XXV 35 XXXV
6 VI 16 XVI 26 XXVI 36 XXXVI
7 VII 17 XVII 27 XXVII 37 XXXVII
8 VIII 18 XVIII 28 XXVIII 38 XXXVIII
9 IX 19 XIX 29 XXIX 39 XXX
10 X 20 XX 30 XXX



Question Bank-Whole Numbers

https://docs.google.com/document/d/17-kB29H05PixFtyLxpV3DIRV72CZ1bZmjlGuWDs1Afg/edit?usp=sharing

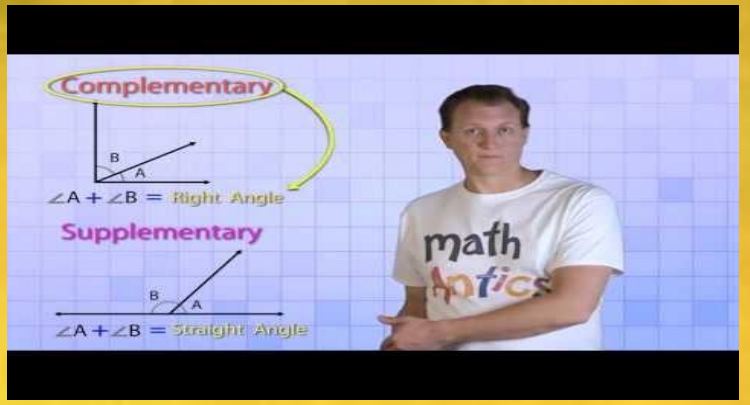
LCM and GCF



Question Bank-LCM and GCF

https://docs.google.com/document/d/1VSc4W48yt9PItKlqc0XH6U8pA3jxpolxzkUBKyt3h68/edit?usp=sharing

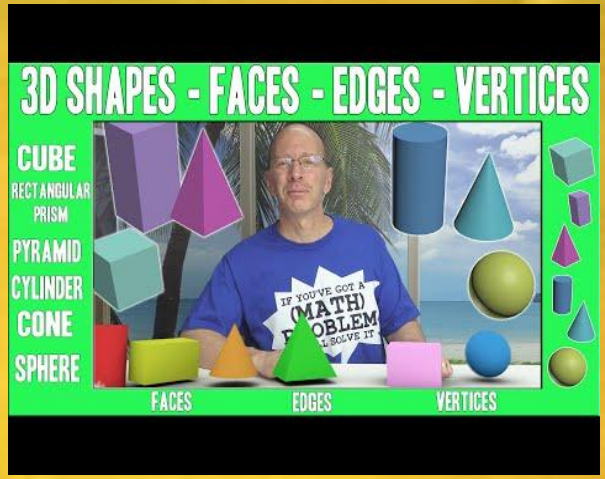
Basic geometrical concepts



Question Bank-B**asic Geometrical Concepts**

https://docs.google.com/document/d/1PiIN_slYGgk0JFfVkBLldm2679zW8zSMpFBb0ae_GiU/edit?usp=sharing

Understanding geometrical shapes



Question bank-Understanding Geometrical Shapes

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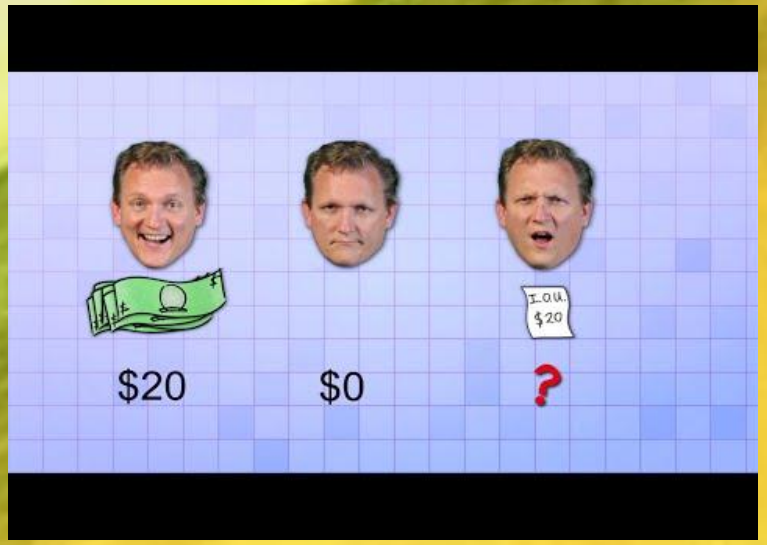
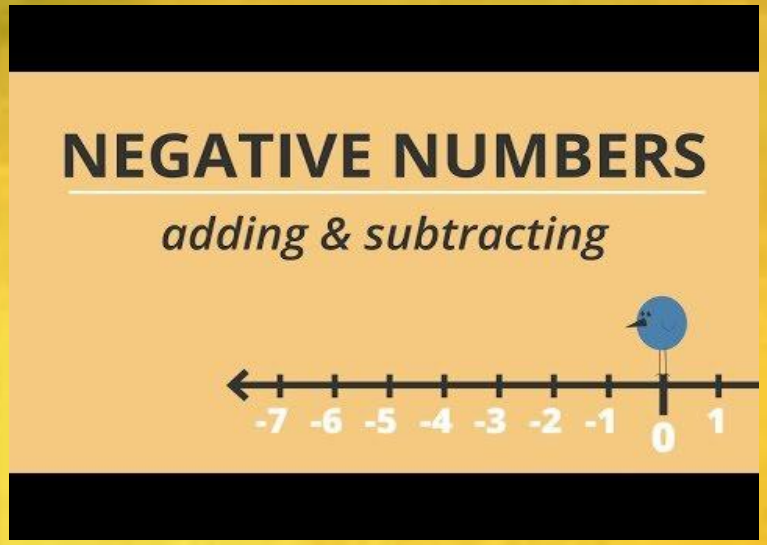
Integers





Question Bank-Integers

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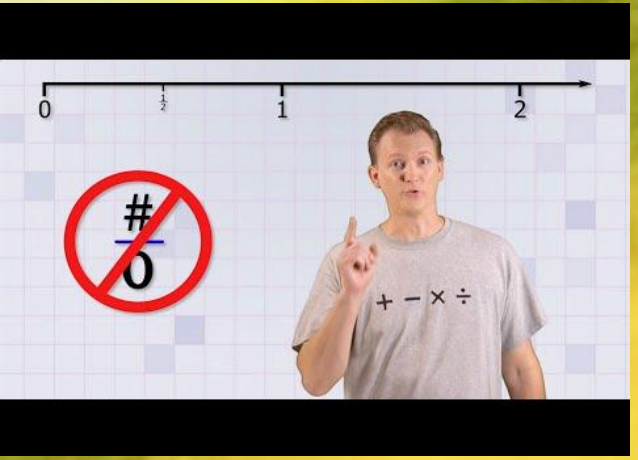
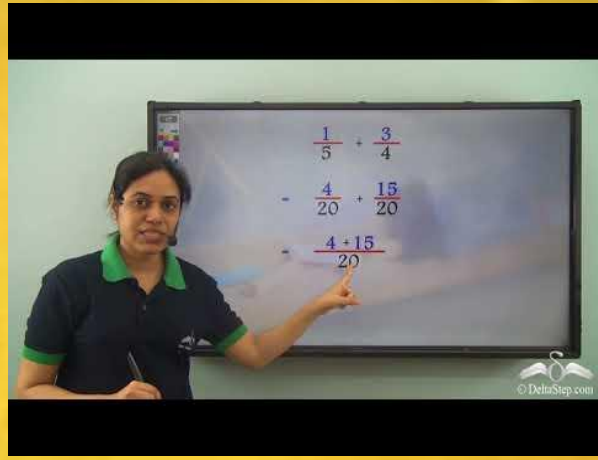
Fractions





Question Bank-Fractions

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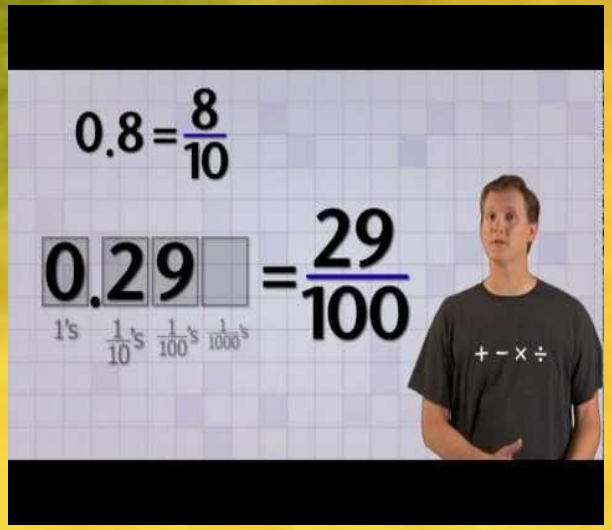
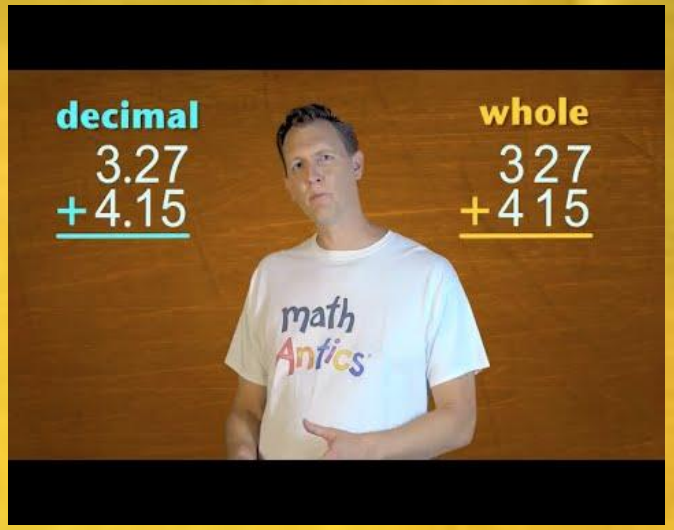
Decimals





Watch viedeo 1 up to 8.5 minutes, 2 upto 3.29 minutes and 3 upto 3.34 minutes.

Question bank-Decimals

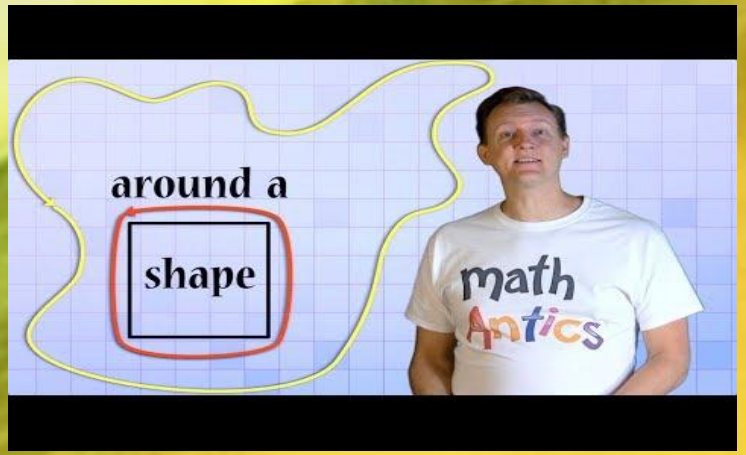
https://docs.google.com/document/d/1nLFn9fCBdVIDqr9EBtzxBEI-cP8TcF1bxffPWgbdNCE/edit?usp=sharing

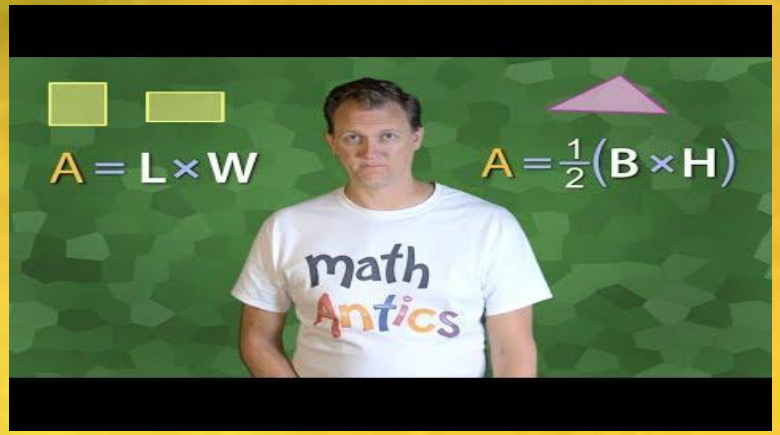
Data Handling

Question bank:

https://docs.google.com/document/d/1uDXJRVeLN3WX2tTWkho2UJfYg1ATSa0GbmDUAmBMur4/edit?usp=sharing

Mensuration





Question Bank

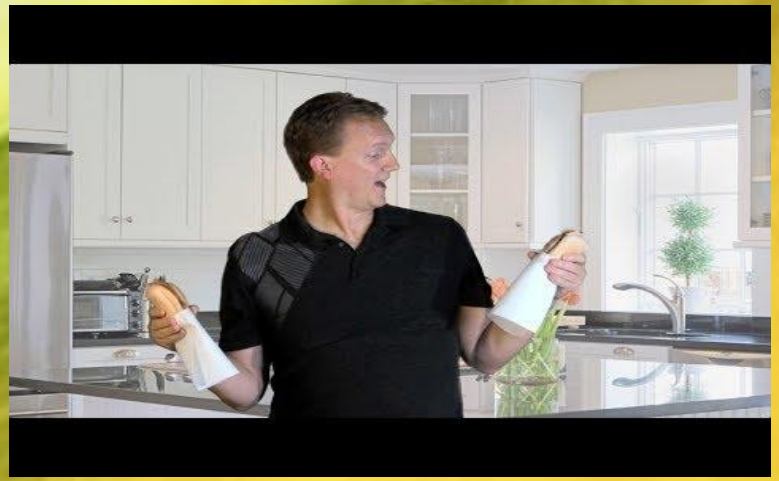
https://docs.google.com/document/d/1bcjVEZzSHRycLsDsukom_MNrvGO3RAFr4H0zUHR_CXU/edit?usp=sharing

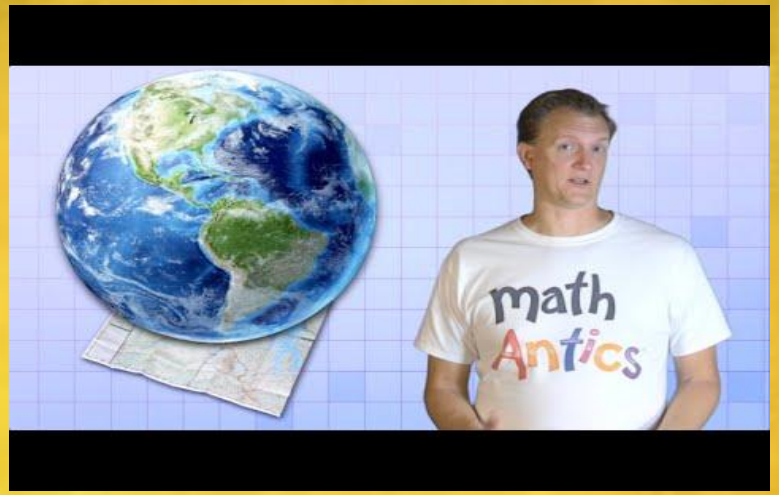
Algebra

Question Bank:

https://docs.google.com/document/d/1_GpEyW49BxOXbaL3YoBtgAWXFILFuZtqZKUPrF8dp5k/edit?usp=sharing

Ratio, proportion and unitary method

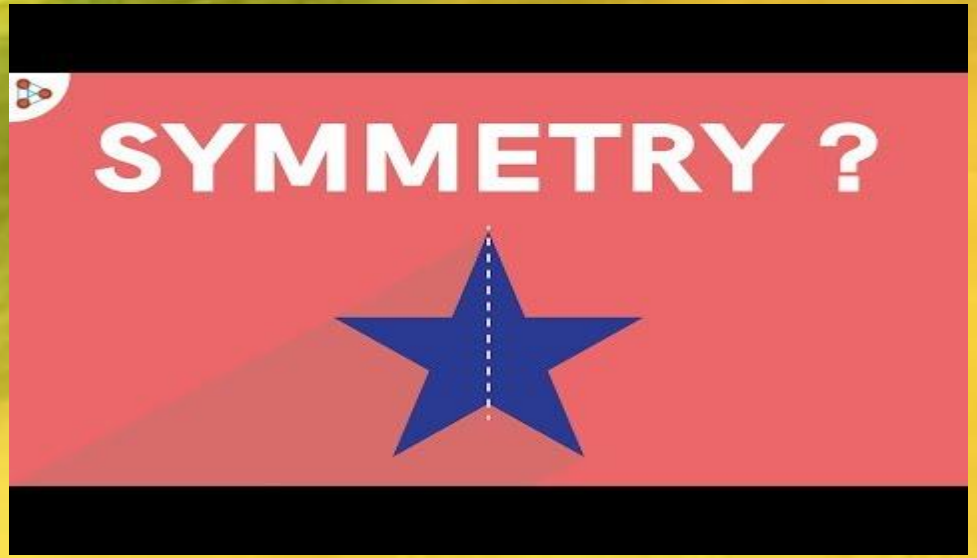




Question Bank:

https://docs.google.com/document/d/1Hc8Qi27Q74XpNY68kmO-vXuGTjhdsguQUaFi6dgPsJ8/edit?usp=sharing

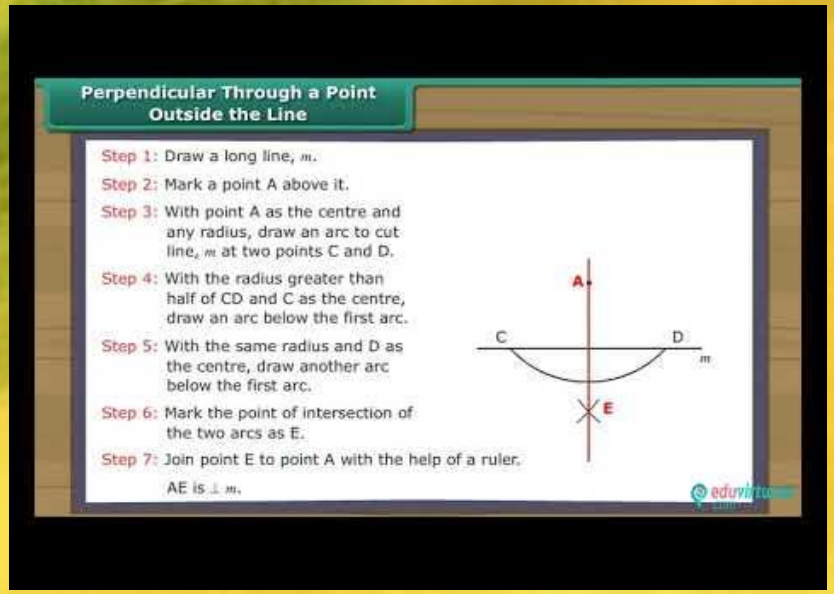
Symmetry



Question bank:

https://docs.google.com/document/d/1lVN0I08QPJ5maLq3-erY4wO9vmTLWYgKfBMrsfq6I5A/edit?usp=sharing

Practical geometry


Perpendicular Through a Point Outside the Line
Step 1: Draw a long line, m.
Step 2: Mark a point A above it.
Step 3: With point A as the centre and any radius, draw an arc to cut line, m at two points C and D.
Step 4: With the radius greater than half of CD and C as the centre, draw an arc below the first arc.
Step 5: With the same radius and D as the centre, draw another arc below the first arc.
Step 6: Mark the point of intersection of the two arcs as E.
Step 7: Join point E to point A with the help of a ruler.
AE is ⊥ m.
A
C
D
m
E

Question Bank:

https://docs.google.com/document/d/1Ni10FqribhZHh7wcSc3XF44l9AbDbi1U5plE3HaEDRg/edit?usp=sharing